UAB TELTONIKA NETWORKS
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2026.09.09: SDK Changes

With the release of RutOS version 7.26 in 2026 Q4, changes will be introduced to the Software Development Kit (SDK) used for firmware compilation on RUTC42 devices.

PCN Number: PCN_RUTC42_SDK Changes_2026.09.09

Change description	
Change type	Software change (SDK structure and build system)
Detailed description	Starting with RutOS version 7.26, the Software Development Kit (SDK) used for compiling device firmware will be updated and migrated to a new build system and SDK structure. This change affects customers who use the SDK to develop and compile custom firmware images. Existing custom SDK-based solutions may no longer be directly compatible with the updated SDK structure and tooling. Customers intending to compile firmware based on RutOS version 7.26 or newer will need to adapt their custom SDK solutions to align with the new SDK structure and compilation system. Devices running standard Teltonika firmware images without custom SDK usage are not affected by this change.
Change reasons	To migrate the firmware compilation process to a build system and SDK structure that is better aligned with internal development requirements and long-term maintenance goals.

Affected products information		
Model	Affected order codes	Order code changes
RUTC42	RUTC42 *****	No changes
Upcoming change date	2026 Q4, with the release of RutOS 7.26	

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Change impact	
Risk assessment	▪ SDK compatibility risk: Customers using custom SDK-based firmware solutions will need to modify and adapt their existing SDK integrations to be compatible with the new SDK structure introduced in RutOS 7.26. ▪ Compilation impact: Existing custom build scripts, tools, or workflows may no longer function without changes when compiling firmware based on RutOS 7.26 or newer. ▪ No impact on standard users: Customers using official Teltonika firmware images without SDK customization are not affected by this change. ▪ Operational continuity: Devices already deployed in the field remain fully operational and are not impacted unless a firmware recompilation using the updated SDK is required.
Suggested implementation plan	▪ Customers using the SDK for custom firmware development should review and adapt their existing SDK solutions to the updated SDK structure before migrating to RutOS version 7.26 or newer. ▪ It is recommended to validate custom firmware builds in a test environment prior to deployment. ▪ For additional guidance regarding SDK changes and adaptation, please contact your sales representative or Teltonika support.

Acknowledgement of PCN receipt
If no feedback is received within two weeks after the issue date of this notification, Teltonika may accept that this change has been tacitly accepted and can implement the change as indicated above.